

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN031319\
 Data File : VN054203.D
 Acq On : 13 Mar 2019 9:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 14 05:57:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	101	0.00
2 T	Dichlorodifluoromethane	0.474	0.478	-0.8	95	0.00
3 P	Chloromethane	0.460	0.405	12.0	91	0.00
4 C	Vinyl Chloride	0.526	0.482	8.4#	93	0.00
5 T	Bromomethane	0.364	0.321	11.8	95	0.00
6 T	Chloroethane	0.318	0.284	10.7	94	0.00
7 T	Trichlorofluoromethane	0.699	0.646	7.6	97	0.00
8 T	Diethyl Ether	0.319	0.313	1.9	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.524	0.543	-3.6	99	0.00
10 T	Methyl Iodide	0.690	0.666	3.5	89	0.00
11 T	Tert butyl alcohol	0.036	0.033	8.3	91	0.00
12 CM	1,1-Dichloroethene	0.519	0.513	1.2#	95	0.00
13 T	Acrolein	0.034	0.033	2.9	94	0.00
14 T	Allyl chloride	0.666	0.646	3.0	92	0.00
15 T	Acrylonitrile	0.150	0.147	2.0	94	0.00
16 T	Acetone	0.152	0.152	0.0	98	0.00
17 T	Carbon Disulfide	1.302	1.247	4.2	90	0.00
18 T	Methyl Acetate	0.308	0.313	-1.6	95	0.00
19 T	Methyl tert-butyl Ether	1.288	1.267	1.6	95	0.00
20 T	Methylene Chloride	0.499	0.478	4.2	95	0.00
21 T	trans-1,2-Dichloroethene	0.498	0.488	2.0	96	0.00
22 T	Diisopropyl ether	1.330	1.317	1.0	95	0.00
23 T	Vinyl Acetate	0.981	0.982	-0.1	93	0.00
24 P	1,1-Dichloroethane	0.854	0.820	4.0	94	0.00
25 T	2-Butanone	0.178	0.185	-3.9	96	0.00
26 T	2,2-Dichloropropane	0.751	0.741	1.3	97	0.00
27 T	cis-1,2-Dichloroethene	0.555	0.548	1.3	95	0.00
28 T	Bromochloromethane	0.349	0.331	5.2	93	0.00
29 T	Tetrahydrofuran	0.115	0.110	4.3	92	0.00
30 C	Chloroform	0.891	0.879	1.3#	96	0.00
31 T	Cyclohexane	0.919	0.775	15.7	95	0.00
32 T	1,1,1-Trichloroethane	0.805	0.784	2.6	93	0.00
33 S	1,2-Dichloroethane-d4	0.531	0.502	5.5	95	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.322	0.316	1.9	94	0.00
36 T	1,1-Dichloropropene	0.460	0.478	-3.9	97	0.00
37 T	Ethyl Acetate	0.265	0.267	-0.8	93	0.00
38 T	Carbon Tetrachloride	0.483	0.486	-0.6	93	0.00
39 T	Methylcyclohexane	0.567	0.607	-7.1	99	0.00
40 TM	Benzene	1.318	1.348	-2.3	94	0.00
41 T	Methacrylonitrile	0.151	0.144	4.6	89	0.00
42 TM	1,2-Dichloroethane	0.445	0.452	-1.6	95	0.00
43 T	Isopropyl Acetate	0.464	0.465	-0.2	91	0.00
44 TM	Trichloroethene	0.409	0.423	-3.4	96	0.00
45 C	1,2-Dichloropropane	0.327	0.336	-2.8#	95	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.221	0.225	-1.8	96	0.00
47 T	Bromodichloromethane	0.443	0.458	-3.4	94	0.00
48 T	Methyl methacrylate	0.236	0.251	-6.4	94	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	92	0.00
50 S	Toluene-d8	1.191	1.176	1.3	95	0.00
51 T	4-Methyl-2-Pentanone	0.246	0.261	-6.1	95	0.00
52 CM	Toluene	0.835	0.869	-4.1#	97	0.00
53 T	t-1,3-Dichloropropene	0.451	0.480	-6.4	94	0.00
54 T	cis-1,3-Dichloropropene	0.516	0.543	-5.2	94	0.00
55 T	1,1,2-Trichloroethane	0.305	0.314	-3.0	95	0.00
56 T	Ethyl methacrylate	0.364	0.390	-7.1	97	0.00
57 T	1,3-Dichloropropane	0.499	0.511	-2.4	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.138	0.148	-7.2	98	0.00
59 T	2-Hexanone	0.164	0.177	-7.9	99	0.00
60 T	Dibromochloromethane	0.343	0.358	-4.4	93	0.00
61 T	1,2-Dibromoethane	0.310	0.322	-3.9	95	0.00
62 S	4-Bromofluorobenzene	0.417	0.427	-2.4	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64 T	Tetrachloroethene	0.483	0.468	3.1	93	0.00
65 PM	Chlorobenzene	1.098	1.129	-2.8	97	0.00
66 T	1,1,1,2-Tetrachloroethane	0.399	0.411	-3.0	94	0.00
67 C	Ethyl Benzene	1.820	1.873	-2.9#	97	0.00
68 T	m/p-Xylenes	0.711	0.743	-4.5	98	0.00
69 T	o-Xylene	0.693	0.715	-3.2	97	0.00
70 T	Styrene	1.087	1.162	-6.9	98	0.00
71 P	Bromoform	0.264	0.274	-3.8	90	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73 T	Isopropylbenzene	4.000	3.784	5.4	98	0.00
74 T	N-amyl acetate	0.888	0.887	0.1	97	0.00
75 P	1,1,2,2-Tetrachloroethane	0.852	0.812	4.7	98	0.00
76 T	1,2,3-Trichloropropane	0.735	0.667	9.3	92	0.00
77 T	Bromobenzene	1.059	1.016	4.1	99	0.00
78 T	n-propylbenzene	4.341	4.279	1.4	100	0.00
79 T	2-Chlorotoluene	2.610	2.503	4.1	99	0.00
80 T	1,3,5-Trimethylbenzene	3.327	3.186	4.2	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.215	0.201	6.5	90	0.00
82 T	4-Chlorotoluene	2.606	2.568	1.5	100	0.00
83 T	tert-Butylbenzene	3.063	2.885	5.8	98	0.00
84 T	1,2,4-Trimethylbenzene	3.264	3.203	1.9	100	0.00
85 T	sec-Butylbenzene	3.972	3.858	2.9	100	0.00
86 T	p-Isopropyltoluene	3.485	3.469	0.5	101	0.00
87 T	1,3-Dichlorobenzene	1.784	1.819	-2.0	103	0.00
88 T	1,4-Dichlorobenzene	1.752	1.776	-1.4	102	0.00
89 T	n-Butylbenzene	2.648	2.898	-9.4	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.577	0.535	7.3	91	0.00
91 T	1,2-Dichlorobenzene	1.744	1.743	0.1	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.132	0.123	6.8	93	0.00
93 T	1,2,4-Trichlorobenzene	0.901	1.050	-16.5	107	0.00
94 T	Hexachlorobutadiene	0.664	0.656	1.2	106	0.00
95 T	Naphthalene	1.854	2.008	-8.3	102	0.00
96 T	1,2,3-Trichlorobenzene	0.926	1.006	-8.6	103	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6